

QUATERNARY INTERNATIONAL

The Journal of the International Union for Quaternary Research

Volume 20

1993

CONTENTS

Preface	3
Urban Geology in Europe: An Overview E. F. J. de Mulder	5
Quaternary Sediments in Central Edmonton, Alberta, Canada: Stratigraphy, Distribution and Geotechnical Implications K. Feltham	13
A Delta Plain Sheet Sand in the Fraser River Delta, British Columbia, Canada P. A. Monahan, J. L. Luternauer and J. V. Barrie	27
Occurrence of Nitrate in Groundwater, Grand Forks, British Columbia M. Wei, A. P. Kohut, D. Kalyn and F. Chwojka	39
A Palaeoenvironmental Assessment of Human Impact on Wood Lake, Okanagan Valley, British Columbia, Canada I. R. Walker, E. D. Reavie, S. Palmer and R. N. Nordin	51
Exploration for Pleistocene Aggregate Resources Using Process-Depositional Models in the Fort McMurray Region, NE Alberta, Canada T. G. Fisher and D. G. Smith	71
Sedimentary Facies Relationships in Esker-Ridge/Esker-Fan Complexes, Southeastern Ontario, Canada: Application to the Exploration for Asphalt Blending Sand I. S. Spooner and R. W. Dalrymple	81
Applications of Quaternary Geology to Placer Deposit Investigations in Glaciated Areas; A Case Study, Atlin, British Columbia V. M. Levson and H. Blyth	93
Till Geochemistry and its Implications for Mineral Exploration: Southeastern Cape Breton Island, Nova Scotia, Canada M. B. McClenaghan and R. N. W. DiLabio	107
Submerged Late Quaternary Terrestrial Deposits and Palaeoenvironment of Northern Hecate Strait, British Columbia Continental Shelf, Canada J. V. Barrie, K. W. Conway, R. W. Mathewes, H. W. Josenhans and M. J. Johns	123
Natural Responses to Quaternary Climatic Change in the Greater Nevada Test Site Region, U.S.A. J. D. Gibson	131
Applications of Quaternary Geology to Assess Fault Activity, Palmdale Area, California, U.S.A. R. J. Shlomon and W. A. LaChapelle	143
A Multidisciplinary Assessment of Postglacial Seismic Disturbance: Miramichi Area, New Brunswick, Canada B. E. Broster, P. Allen and K. B. S. Burke	153
GIS Modelling of Agricultural Soil Loss in a Plains Glacial Landscape D. J. Sauchyn	163

This Journal is abstracted in: *Geo Abstr*



1040-6182(1993)20;1-J